AirWave Management Platform™ v3.0.5

New Features		
AMP Master Console		AMP v3.0 introduces the ability to monitor multiple servers with AMP software from a single console, enabling administrators to efficiently monitor networks with 20,000+ wireless access points. Servers with the AMP software are polled every 90 seconds by the Master Console to obtain up-to-date performance and usage data.
AirWave Management Client™ Software		AMP v3.0 interoperates with the AirWave Management Client™ (AMC) client software utility for Microsoft XP and Mobile XP devices. The AMC software augments the Microsoft Zero Configuration Utility, and is completely passive and very lightweight. It runs in the background on the client devices, collecting and relaying statistical information to AMP. This statistical information provides data that will enable future AMP releases to dynamically tune the WLAN to achieve optimal RF performance. Integration of the AirWave Management Client with AMP v3.0 enables: • Wireless users to distinguish between Rogue, Approved, and Known (but unmanaged) access points and to view all radio MACs within RF range. • Wireless users to easily view the current usage load of all access points within range, enabling them to avoid over-used APs. • Enhanced rogue detection capability by utilizing client devices with AMC software to scan and report unauthorized rogues.
Multiple AMP User Logins		AMP v3.0 now supports multiple user logins. Each user may be assigned a unique username and password, and is granted either “management” (read-write) or “monitoring” (read-only) access to AMP. AMP v3.0 provides administrative log files by user to track changes. User accounts are created and deleted on the AMP Setup→Users page.
Overlapping RF Channel Trigger		AMP v3.0 can generate an alert when AMP detects that neighboring wireless access points are set to operate on the same RF channel.
Integration with RF-based IDS Hardware Sensors		AMP v3.0 interoperates with RF scanning systems from AirMagnet and WildPackets to leverage their dedicated RF scanners for rogue AP detection. Integration between AMP and these system enables AMP to deliver lists of known, managed access points to eliminate redundant data entry and avoid reporting “false positives.”
Expanded Support for RADIUS Accounting Clients (Cisco 3030 VPN and Vernier)		AMP v3.0 interoperates with and receives RADIUS accounting records from the Cisco 3030 VPN and Vernier server to enable AMP to display accurate username information for end-users.
WPA Support		AMP v3.0 provides support for WPA security settings on the Cisco IOS, HP ProCurve 420, and Colubris Networks wireless access points.

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Access Point Support		
Artem Access Point Support	AP Support	AMP v3.0 supports the Artem family of access points, including SNMP discovery, critical monitoring parameters, and firmware management.
Avaya Access Point Support (AP-4, AP-5, AP-6, AP-8)	AP Support	AMP v3.0 introduces support for the Avaya AP-4, AP-5, AP-6, and AP-8 wireless access points. AMP v3.0 also adds support for the Avaya 2.4.11 firmware. HTTP port can now be configured on Avaya APs (range = 1-65535). AMP v3.0 has been formally certified through Avaya's 802.11 Compliance Certification Program.
Colubris Access Point Support (CN1250, CN320, CN3200)	AP Support	AMP v3.0 supports the Colubris Networks CN1250, CN320 and CN3200 wireless access points. The Colubris access points now support RF scanning for rogue access points when used in conjunction with the AirWave RAPIDS rogue detection software module. Colubris AP support has also been enhanced to provide virtual AP support (multiple VLAN/SSID), IP configuration, transmit power settings, 802.1x, WPA, WPA/PSK, WEP Key rotation interval, client bandwidth monitoring, and 801.11 counters.
Cisco Aironet Access Point Support (350 & 1200 IOS)	AP Support	AMP v3.0 supports the Cisco Aironet 350 & 1200 wireless access points with IOS operating system. AMP v3.0 now supports IOS firmware versions 12.2(15)XR and 12.2(15)XR1. AMP v3.0 also supports the "Role in Radio Network" setting on the Group→Radio page and displays all client devices on both interfaces of dual radio Cisco IOS access points.
Cisco IOS Advanced Configuration	AP Support	AMP v3.0 provides the ability to configure Cisco IOS access points by defining the startup-config of the AP rather than using AMP's standard user interface. This gives administrators the ability to configure and audit every configurable setting on an IOS AP. The configuration page is located at Groups→IOS Advanced. *Contact AirWave Support at 866-WIFI-AMP for the "IOS Advanced Configuration User Guide."*
Enterasys Access Point Support (Roamabout 3000)	AP Support	AMP v3.0 supports the Enterasys Roamabout 3000 wireless access point.
ProCurve Networking by HP Access Point Support (420 and 520)	AP Support	AMP v3.0 supports the ProCurve Networking by HP 420 and 520 wireless access points.
Proxim Access Point Support (AP-4000 and WavePoint-II)	AP Support	AMP v3.0 supports the Proxim AP-4000 and WavePoint-II wireless access points. AMP v3.0 also adds support for the Proxim 2.4.11 firmware. HTTP port can now be configured on Proxim APs (range = 1-65535). NOTE: Proxim firmware version 2.4.11 requires the AP to be rebooted to make WEP changes take effect. AMP has now been configured to automatically reboot Proxim APs.
Symbol Access Point Support	AP Support	AMP v3.0 provides enhanced support for Symbol access points, including 3.70 – 3.72 firmware, AP statistics through Symbol's Enterprise MIB, and antenna diversity settings on Symbol 4121 access points.

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System & Functionality Changes		
French Regulatory Domain		AMP v3.0 implements support for all valid channels when the regulatory domain is set to France, to comply with recent regulatory changes.
Configurable Client and Rogue AP Data Aging		AMP can now configure the aging interval (2-550 days) to determine how long historical client and rogue data is retained. The period is configured on the AMP Setup→General page in the Historical Data section.
Client Session Report		The Client Session Report now includes the username of the end user when this data is available.
RAPIDS OUI Database		AMP v3.0 integrates an OUI database that identifies the manufacturer of rogue access points and client devices.
Red Hat 9.0		AMP v3.0 now ships with Red Hat Linux version 9.0 rather than version 8.0.
User Interface Enhancements		AMP v3.0 makes changes to the web UI for enhanced usability and scalability, including: • The “Edit” and “Manage” links have been replaces with icons • VLAN configurations are now managed under the Group page allowing greater VLAN management flexibility • The RADIUS Server section has been moved to the Group→Security page • The AP→Manual Create page has been changed to a single pull-down box on the AP Setup→Create page. • Users must enter a “Max Associations” value when adding a new VLAN • The AMP Setup→Users page has been added to allow administrators to authorize multiple AMP users.
AMP Software License Keys		New AirWave customers and prospects conducting software evaluations will now need to enter a license key when installing AMP. The permanent license key for use with a purchased version of AMP is provided in the packaging shipped by AirWave, and is entered on the Home→License page. Prospects using evaluation copies of AMP will receive license keys valid for 30 days. If the evaluation period needs to be extended, the prospective customer must contact his AirWave sales representative or Value Added Reseller. *NOTE: This change applies to new AMP v3.0 customers and prospects, and will not affect existing AirWave customers.*
Freeradius RPM		AMP v3.0 uses version -1.0.0-pre3 of the freeradius RPM.

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Supported Access Point List	
Artem	ComPoint
Avaya	AP-1, AP-2, AP-3, AP-4, AP-5, AP-6, AP-8, AS-2000, AS-1
Cisco Aironet	1200 (VxWorks & IOS), 1210, 1100 (IOS), 350 (VxWorks & IOS), 340
Colubris	CN1250, CN3200, CN 320, CN1050, CN1054, CN3000, CN300/300R
Compaq	WL-510, WL-410, WL-400
Enterasys	Roamabout R2, Roamabout 2000, Roamabout AP3000
HP	ProCurve 420, ProCurve 520
IBM	AP-500
Intel	2011b, 2011
Proxim ORiNOCO	AP-4000, AP-2000, AP-600, AP-1000, AP-500, AP-2500, WavePoint-II
Symbol	4131, 4121
Toshiba	AP-500

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